

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P303063

Luminaire Tested: **CTW-F-2575-30L830-UNV-STD-4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303063  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-2575-30L830-UNV-STD-4  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

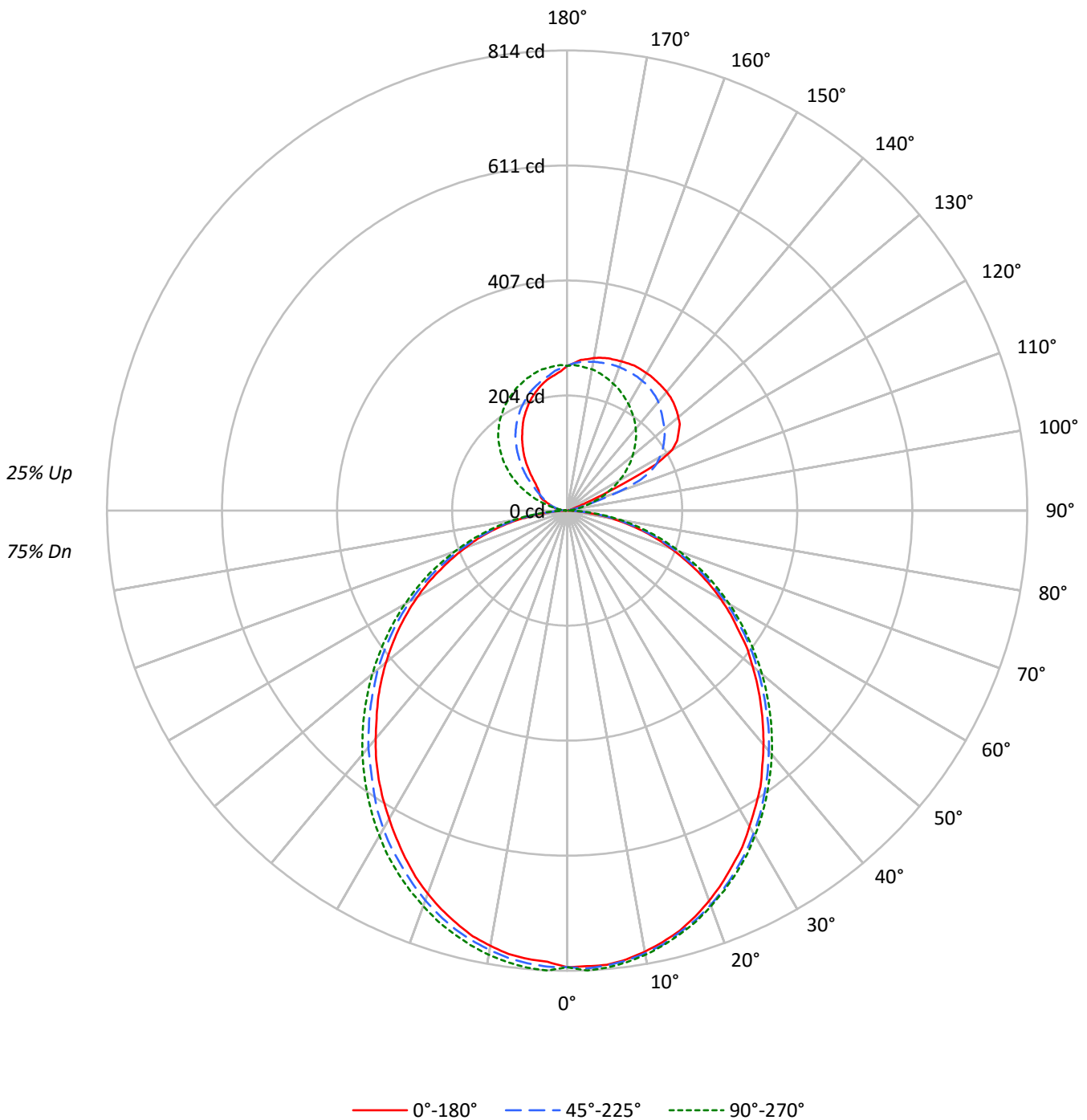
Lumens per Lamp: N/A  
Luminaire Lumens: 2876.9 lumens  
Efficiency: N/A  
Efficacy: 109.8 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 26.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	113	113	113	113	108	108	108	108	97	97	97	88	88	88	79	79	79	75
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63
2	94	86	80	74	89	82	76	71	75	70	66	68	64	61	61	58	56	52
3	86	76	68	62	81	72	65	59	66	60	55	60	55	51	54	50	47	44
4	78	67	59	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33
6	66	54	45	39	63	51	44	38	47	41	36	43	38	33	39	35	31	29
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	17388	17388	17388
5°	17433	17537	17206
10°	17320	17446	17088
15°	17143	17273	16845
20°	16829	17049	16522
25°	16444	16810	16102
30°	16039	16516	15656
35°	15669	16173	15264
40°	15187	15836	14807
45°	14754	15457	14404
50°	14331	15071	14009
55°	13895	14653	13606
60°	13537	14282	13166
65°	12979	13911	12587
70°	12287	13312	11984
75°	11437	12718	11437
80°	10017	11802	10129
85°	6644	9979	6891



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.3	2.7
10°-20°	216.1	7.5
20°-30°	319.9	11.1
30°-40°	375.5	13.1
40°-50°	380.5	13.2
50°-60°	339.4	11.8
60°-70°	259.0	9.0
70°-80°	152.3	5.3
80°-90°	40.2	1.4
90°-100°	7.4	0.3
100°-110°	31.7	1.1
110°-120°	88.0	3.1
120°-130°	125.9	4.4
130°-140°	135.8	4.7
140°-150°	129.1	4.5
150°-160°	106.1	3.7
160°-170°	69.6	2.4
170°-180°	24.2	0.8
0°-30°	612.3	21.3
0°-40°	987.8	34.3
0°-60°	1707.7	59.4
0°-90°	2159.1	75.1
90°-120°	127.1	4.4
90°-150°	517.9	18.0
90°-180°	718.0	25.0
0°-180°	2876.9	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	808	808	808	808	808	
5°	807	808	812	804	796	77
15°	769	772	775	766	756	217
25°	692	704	708	693	678	319
35°	596	609	615	598	581	372
45°	485	498	508	492	473	374
55°	370	384	390	379	362	332
65°	255	264	273	261	247	252
75°	138	144	153	143	138	145
85°	27	33	40	32	28	33
90°	1	1	1	2	2	1
95°	2	2	6	10	9	2
105°	9	23	35	24	27	10
115°	90	162	82	43	49	102
125°	240	209	130	71	62	214
135°	267	238	171	115	91	206
145°	278	260	204	160	136	174
155°	283	268	229	196	181	130
165°	279	269	247	225	216	79
175°	267	264	257	248	241	26
180°	256	256	256	256	256	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7
2.5°	806.7	805.8	805.8	805.8	808.7	808.7	807.7	807.7	808.7	812.5	810.6
5°	806.7	805.8	805.8	803.8	805.8	805.8	804.8	804.8	805.8	809.6	807.7
7.5°	801.0	801.0	800.0	799.0	800.0	800.0	800.0	799.0	800.0	804.8	802.9
10°	792.3	792.3	791.3	790.4	791.3	791.3	791.3	791.3	792.3	797.1	795.2
12.5°	781.7	781.7	780.8	779.8	781.7	781.7	780.8	780.8	781.7	787.5	785.6
15°	769.2	769.2	769.2	768.3	770.2	769.2	769.2	769.2	769.2	774.0	772.1
17.5°	752.9	752.9	752.9	752.9	754.8	754.8	754.8	753.8	754.8	759.6	758.7
20°	734.6	734.6	734.6	734.6	735.6	736.5	735.6	736.5	736.5	742.3	742.3
22.5°	714.4	714.4	713.5	713.5	714.4	716.3	715.4	715.4	716.3	722.1	724.0
25°	692.3	692.3	692.3	693.3	694.2	695.2	694.2	696.2	696.2	701.9	703.8
27.5°	671.2	669.2	670.2	670.2	671.2	672.1	672.1	674.0	675.0	679.8	682.7
30°	645.2	644.2	645.2	646.2	646.2	648.1	649.0	650.0	651.0	653.8	659.6
32.5°	620.2	620.2	621.2	621.2	622.1	623.1	625.0	626.0	626.0	628.8	635.6
35°	596.2	594.2	594.2	595.2	597.1	598.1	598.1	600.0	600.0	603.8	608.7
37.5°	567.3	567.3	569.2	569.2	569.2	571.2	571.2	573.1	574.0	576.9	582.7
40°	540.4	539.4	541.3	541.3	542.3	543.3	545.2	546.2	548.1	550.0	554.8
42.5°	512.5	512.5	513.5	514.4	515.4	516.3	518.3	519.2	520.2	522.1	527.9
45°	484.6	484.6	485.6	486.5	487.5	487.5	489.4	491.3	493.3	496.2	498.1
47.5°	456.7	456.7	457.7	457.7	458.7	459.6	460.6	462.5	464.4	467.3	469.2
50°	427.9	427.9	429.8	429.8	431.7	430.8	432.7	433.7	436.5	438.5	441.3
52.5°	401.9	399.0	400.0	401.0	402.9	403.8	404.8	404.8	406.7	409.6	412.5
55°	370.2	371.2	372.1	372.1	374.0	374.0	376.0	376.0	377.9	380.8	383.7
57.5°	343.3	343.3	342.3	344.2	345.2	345.2	346.2	346.2	349.0	351.0	352.9
60°	314.4	312.5	313.5	314.4	315.4	314.4	317.3	317.3	319.2	321.2	325.0
62.5°	284.6	284.6	283.7	284.6	285.6	285.6	287.5	287.5	290.4	290.4	294.2
65°	254.8	253.8	253.8	254.8	256.7	256.7	257.7	258.7	259.6	260.6	264.4
67.5°	224.0	224.0	223.1	225.0	225.0	225.0	226.9	226.9	227.9	228.8	231.7
70°	195.2	194.2	194.2	196.2	195.2	196.2	198.1	198.1	200.0	200.0	201.9
72.5°	166.3	165.4	165.4	164.4	168.3	167.3	168.3	169.2	169.2	170.2	173.1
75°	137.5	137.5	136.5	136.5	137.5	138.5	139.4	140.4	141.3	141.3	144.2
77.5°	108.7	108.7	107.7	110.6	110.6	110.6	111.5	111.5	113.5	113.5	115.4
80°	80.8	79.8	79.8	80.8	82.7	82.7	82.7	83.7	84.6	86.5	87.5
82.5°	52.9	52.9	52.9	53.8	54.8	55.8	55.8	55.8	56.7	58.7	59.6
85°	26.9	26.9	26.9	26.9	28.8	28.8	28.8	29.8	31.7	31.7	32.7
87.5°	4.8	4.8	4.8	4.8	5.8	5.8	5.8	5.8	5.8	7.7	8.7
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
95°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
97.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.8	3.8	3.8
100°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.8	6.7
102.5°	5.8	5.8	5.8	5.8	6.7	6.7	6.7	7.7	7.7	9.6	11.5
105°	8.7	8.7	8.7	8.7	8.7	9.6	9.6	10.6	12.5	16.3	23.1
107.5°	11.5	11.5	11.5	12.5	13.5	14.4	15.4	19.2	25.0	35.6	51.0
110°	17.3	18.3	19.2	21.2	25.0	26.9	29.8	40.4	56.7	78.8	97.1



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	35.6	37.5	41.3	47.1	59.6	66.3	75.0	97.1	116.3	132.7	137.5
115°	90.4	99.0	103.8	112.5	130.8	137.5	145.2	155.8	164.4	166.3	161.5
117.5°	176.9	176.9	176.9	182.7	187.5	189.4	190.4	190.4	187.5	184.6	177.9
120°	214.4	214.4	213.5	213.5	212.5	211.5	209.6	206.7	201.9	197.1	189.4
122.5°	230.8	230.8	228.8	226.9	225.0	223.1	221.2	218.3	212.5	207.7	200.0
125°	240.4	240.4	238.5	236.5	234.6	232.7	230.8	226.9	222.1	216.3	208.7
127.5°	251.0	250.0	248.1	245.2	242.3	240.4	238.5	234.6	229.8	224.0	217.3
130°	256.7	256.7	254.8	252.9	251.0	249.0	247.1	241.3	235.6	230.8	225.0
132.5°	262.5	261.5	260.6	258.7	255.8	254.8	252.9	249.0	242.3	236.5	230.8
135°	267.3	266.3	265.4	263.5	261.5	259.6	258.7	254.8	250.0	242.3	237.5
137.5°	271.2	270.2	269.2	268.3	265.4	264.4	262.5	259.6	254.8	250.0	244.2
140°	274.0	272.1	272.1	271.2	268.3	267.3	266.3	262.5	258.7	254.8	251.0
142.5°	276.0	275.0	275.0	274.0	271.2	271.2	269.2	266.3	262.5	259.6	255.8
145°	277.9	276.9	276.9	276.0	274.0	274.0	272.1	269.2	265.4	262.5	259.6
147.5°	279.8	278.8	278.8	277.9	276.9	276.0	275.0	272.1	268.3	265.4	263.5
150°	280.8	280.8	279.8	278.8	277.9	276.9	276.0	273.1	270.2	268.3	265.4
152.5°	281.7	281.7	280.8	280.8	278.8	278.8	276.9	275.0	272.1	270.2	267.3
155°	282.7	282.7	281.7	280.8	279.8	278.8	277.9	275.0	272.1	271.2	268.3
157.5°	281.7	281.7	281.7	280.8	279.8	278.8	276.9	275.0	273.1	272.1	269.2
160°	280.8	281.7	280.8	279.8	278.8	278.8	277.9	275.0	273.1	273.1	270.2
162.5°	279.8	280.8	279.8	279.8	278.8	277.9	276.9	275.0	273.1	272.1	270.2
165°	278.8	278.8	278.8	277.9	276.9	276.0	276.0	273.1	272.1	272.1	269.2
167.5°	276.9	276.9	276.0	275.0	274.0	274.0	273.1	271.2	271.2	271.2	268.3
170°	274.0	274.0	273.1	272.1	272.1	271.2	271.2	269.2	269.2	269.2	267.3
172.5°	270.2	270.2	270.2	269.2	269.2	268.3	268.3	266.3	266.3	267.3	265.4
175°	267.3	266.3	266.3	265.4	265.4	265.4	264.4	263.5	264.4	264.4	263.5
177.5°	260.6	260.6	260.6	260.6	261.5	261.5	261.5	260.6	260.6	261.5	260.6
180°	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7
2.5°	804.8	802.9	802.9	805.8	806.7	807.7	808.7	812.5	813.5	814.4	813.5
5°	802.9	801.0	800.0	802.9	803.8	804.8	805.8	808.7	810.6	811.5	809.6
7.5°	797.1	795.2	795.2	798.1	798.1	800.0	800.0	803.8	804.8	805.8	804.8
10°	790.4	788.5	787.5	790.4	791.3	792.3	792.3	795.2	797.1	798.1	796.2
12.5°	779.8	777.9	776.9	779.8	780.8	781.7	782.7	785.6	786.5	787.5	786.5
15°	768.3	765.4	764.4	768.3	769.2	770.2	770.2	773.1	774.0	775.0	774.0
17.5°	753.8	751.0	751.0	752.9	755.8	755.8	755.8	758.7	760.6	761.5	759.6
20°	738.5	735.6	734.6	737.5	738.5	740.4	740.4	742.3	744.2	744.2	744.2
22.5°	720.2	717.3	716.3	719.2	720.2	721.2	722.1	724.0	726.0	726.9	725.0
25°	701.0	698.1	697.1	700.0	701.0	701.9	702.9	706.7	706.7	707.7	705.8
27.5°	678.8	676.9	675.0	677.9	680.8	681.7	681.7	684.6	685.6	687.5	684.6
30°	656.7	653.8	652.9	654.8	657.7	658.7	658.7	662.5	663.5	664.4	661.5
32.5°	633.7	630.8	629.8	631.7	634.6	635.6	635.6	638.5	639.4	640.4	638.5
35°	608.7	606.7	604.8	606.7	608.7	610.6	610.6	613.5	614.4	615.4	613.5
37.5°	584.6	581.7	579.8	580.8	582.7	585.6	585.6	589.4	589.4	589.4	587.5
40°	558.7	554.8	553.8	553.8	556.7	558.7	558.7	562.5	562.5	563.5	560.6
42.5°	531.7	528.8	527.9	526.9	529.8	530.8	531.7	535.6	534.6	535.6	532.7
45°	503.8	501.0	501.0	501.0	501.9	503.8	504.8	506.7	507.7	507.7	505.8
47.5°	474.0	473.1	473.1	473.1	475.0	475.0	476.0	477.9	477.9	478.8	476.9
50°	445.2	445.2	444.2	445.2	446.2	446.2	448.1	450.0	450.0	450.0	448.1
52.5°	414.4	415.4	415.4	416.3	417.3	417.3	420.2	422.1	422.1	420.2	418.3
55°	384.6	386.5	386.5	388.5	388.5	389.4	389.4	391.3	391.3	390.4	388.5
57.5°	355.8	356.7	356.7	358.7	359.6	359.6	361.5	363.5	363.5	361.5	359.6
60°	326.0	327.9	326.9	328.8	330.8	330.8	330.8	333.7	331.7	331.7	330.8
62.5°	296.2	296.2	297.1	299.0	300.0	300.0	301.9	303.8	303.8	301.9	301.0
65°	266.3	267.3	267.3	269.2	270.2	271.2	271.2	273.1	272.1	273.1	271.2
67.5°	234.6	235.6	235.6	236.5	238.5	238.5	240.4	241.3	242.3	241.3	240.4
70°	203.8	203.8	206.7	206.7	208.7	208.7	211.5	211.5	213.5	211.5	210.6
72.5°	174.0	175.0	177.9	176.9	178.8	178.8	181.7	182.7	183.7	181.7	182.7
75°	145.2	145.2	148.1	148.1	150.0	150.0	152.9	152.9	153.8	152.9	151.9
77.5°	116.3	116.3	118.3	119.2	120.2	121.2	123.1	123.1	125.0	124.0	125.0
80°	88.5	89.4	90.4	92.3	92.3	93.3	93.3	95.2	96.2	95.2	96.2
82.5°	60.6	62.5	63.5	63.5	64.4	66.3	67.3	67.3	68.3	67.3	69.2
85°	33.7	34.6	36.5	38.5	38.5	39.4	40.4	41.3	41.3	40.4	40.4
87.5°	9.6	10.6	13.5	13.5	13.5	15.4	16.3	16.3	17.3	16.3	18.3
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.9	1.9	1.9	2.9	2.9	2.9	1.9	2.9
95°	2.9	2.9	3.8	5.8	6.7	7.7	8.7	8.7	6.7	5.8	5.8
97.5°	4.8	5.8	8.7	12.5	14.4	16.3	17.3	15.4	12.5	10.6	9.6
100°	8.7	12.5	18.3	25.0	26.9	28.8	27.9	25.0	21.2	17.3	15.4
102.5°	17.3	25.0	35.6	44.2	44.2	44.2	41.3	36.5	30.8	25.0	22.1
105°	36.5	50.0	61.5	65.4	63.5	62.5	55.8	49.0	41.3	34.6	30.8
107.5°	73.1	84.6	87.5	85.6	81.7	78.8	70.2	62.5	52.9	45.2	40.4
110°	111.5	112.5	109.6	102.9	98.1	94.2	84.6	76.0	66.3	57.7	50.0





TEST NUMBER: P303063

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	138.5	133.7	126.9	118.3	112.5	108.7	99.0	89.4	78.8	70.2	61.5
115°	156.7	149.0	141.3	130.8	126.9	122.1	112.5	102.9	92.3	81.7	74.0
117.5°	170.2	161.5	153.8	144.2	139.4	134.6	125.0	114.4	103.8	95.2	86.5
120°	181.7	174.0	165.4	155.8	151.9	147.1	137.5	126.9	116.3	106.7	98.1
122.5°	192.3	184.6	176.0	167.3	162.5	158.7	149.0	138.5	127.9	119.2	110.6
125°	201.9	194.2	186.5	176.9	173.1	168.3	158.7	148.1	139.4	129.8	121.2
127.5°	210.6	202.9	195.2	186.5	182.7	177.9	168.3	158.7	150.0	141.3	132.7
130°	219.2	211.5	203.8	195.2	190.4	186.5	177.9	168.3	159.6	151.0	143.3
132.5°	226.0	219.2	210.6	202.9	198.1	194.2	186.5	177.9	170.2	161.5	153.8
135°	232.7	225.0	218.3	209.6	205.8	201.9	194.2	186.5	178.8	171.2	163.5
137.5°	238.5	230.8	224.0	215.4	212.5	209.6	201.9	194.2	187.5	180.8	173.1
140°	244.2	236.5	228.8	221.2	218.3	215.4	208.7	201.9	195.2	188.5	182.7
142.5°	250.0	240.4	232.7	226.0	224.0	221.2	214.4	208.7	202.9	197.1	190.4
145°	253.8	245.2	236.5	231.7	228.8	226.0	220.2	214.4	209.6	203.8	198.1
147.5°	257.7	250.0	242.3	235.6	233.7	230.8	226.0	221.2	216.3	210.6	204.8
150°	259.6	252.9	246.2	241.3	238.5	235.6	230.8	226.0	222.1	217.3	211.5
152.5°	262.5	255.8	251.0	245.2	244.2	240.4	235.6	232.7	227.9	223.1	218.3
155°	263.5	257.7	253.8	250.0	249.0	245.2	240.4	236.5	232.7	228.8	224.0
157.5°	264.4	259.6	254.8	252.9	251.0	250.0	245.2	241.3	237.5	234.6	229.8
160°	265.4	260.6	256.7	254.8	253.8	251.9	249.0	247.1	241.3	238.5	233.7
162.5°	265.4	261.5	258.7	256.7	255.8	254.8	251.9	250.0	247.1	243.3	238.5
165°	265.4	262.5	259.6	258.7	257.7	256.7	253.8	252.9	250.0	247.1	243.3
167.5°	265.4	262.5	260.6	259.6	258.7	257.7	255.8	254.8	252.9	251.0	248.1
170°	264.4	262.5	260.6	259.6	259.6	258.7	256.7	256.7	254.8	253.8	251.0
172.5°	262.5	261.5	259.6	259.6	259.6	258.7	256.7	256.7	255.8	254.8	252.9
175°	260.6	259.6	258.7	258.7	258.7	257.7	256.7	257.7	256.7	256.7	254.8
177.5°	257.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	257.7	255.8
180°	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8



TEST NUMBER: P303063

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7
2.5°	807.7	803.8	803.8	803.8	805.8	806.7	806.7	803.8	807.7	810.6	807.7
5°	803.8	800.0	800.0	801.0	801.9	802.9	802.9	800.0	803.8	806.7	802.9
7.5°	799.0	794.2	794.2	795.2	796.2	797.1	797.1	794.2	798.1	800.0	796.2
10°	790.4	786.5	785.6	786.5	788.5	789.4	788.5	785.6	789.4	791.3	788.5
12.5°	779.8	776.0	776.0	776.0	777.9	777.9	777.9	774.0	778.8	779.8	776.0
15°	767.3	763.5	763.5	763.5	764.4	765.4	764.4	761.5	766.3	766.3	762.5
17.5°	752.9	750.0	748.1	750.0	750.0	751.0	749.0	746.2	751.0	751.0	748.1
20°	737.5	733.7	732.7	732.7	733.7	734.6	731.7	729.8	733.7	733.7	729.8
22.5°	718.3	715.4	714.4	714.4	715.4	715.4	712.5	710.6	714.4	713.5	709.6
25°	699.0	696.2	695.2	696.2	696.2	696.2	692.3	691.3	693.3	692.3	688.5
27.5°	677.9	675.0	674.0	675.0	675.0	675.0	671.2	670.2	673.1	670.2	666.3
30°	654.8	651.9	651.0	651.9	652.9	651.0	647.1	648.1	650.0	646.2	643.3
32.5°	633.7	628.8	627.9	628.8	629.8	628.8	625.0	624.0	626.0	622.1	618.3
35°	607.7	603.8	604.8	605.8	604.8	603.8	599.0	600.0	598.1	596.2	592.3
37.5°	582.7	578.8	578.8	579.8	579.8	577.9	574.0	574.0	571.2	570.2	566.3
40°	556.7	552.9	552.9	553.8	553.8	551.0	548.1	549.0	547.1	543.3	539.4
42.5°	527.9	526.0	526.9	526.9	527.9	524.0	522.1	522.1	519.2	515.4	512.5
45°	501.0	498.1	500.0	501.0	501.0	497.1	496.2	493.3	492.3	489.4	485.6
47.5°	472.1	471.2	473.1	473.1	473.1	469.2	468.3	465.4	463.5	461.5	457.7
50°	444.2	443.3	445.2	445.2	445.2	440.4	441.3	436.5	437.5	432.7	429.8
52.5°	416.3	416.3	416.3	416.3	415.4	412.5	411.5	408.7	407.7	403.8	401.9
55°	386.5	386.5	388.5	387.5	386.5	384.6	382.7	378.8	378.8	375.0	372.1
57.5°	359.6	359.6	359.6	357.7	357.7	355.8	352.9	351.0	350.0	346.2	344.2
60°	329.8	330.8	328.8	327.9	327.9	326.0	324.0	323.1	320.2	316.3	315.4
62.5°	301.0	301.9	301.0	299.0	298.1	296.2	295.2	293.3	290.4	286.5	286.5
65°	270.2	271.2	271.2	268.3	268.3	267.3	266.3	263.5	260.6	257.7	256.7
67.5°	240.4	241.3	237.5	236.5	236.5	236.5	232.7	232.7	229.8	226.9	227.9
70°	211.5	210.6	209.6	206.7	207.7	205.8	203.8	202.9	200.0	198.1	198.1
72.5°	182.7	180.8	179.8	178.8	177.9	176.9	175.0	174.0	172.1	169.2	169.2
75°	153.8	151.9	151.0	150.0	149.0	148.1	145.2	145.2	143.3	141.3	141.3
77.5°	124.0	122.1	122.1	121.2	120.2	118.3	116.3	117.3	115.4	113.5	113.5
80°	95.2	94.2	94.2	93.3	91.3	90.4	90.4	89.4	87.5	84.6	84.6
82.5°	67.3	67.3	66.3	65.4	64.4	63.5	62.5	61.5	59.6	56.7	56.7
85°	41.3	40.4	40.4	39.4	38.5	36.5	34.6	33.7	31.7	29.8	29.8
87.5°	17.3	15.4	14.4	13.5	12.5	11.5	11.5	9.6	8.7	8.7	6.7
90°	1.0	1.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
92.5°	3.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
95°	5.8	6.7	8.7	8.7	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	8.7	9.6	10.6	11.5	11.5	13.5	13.5	14.4	14.4	14.4	14.4
100°	13.5	13.5	14.4	15.4	14.4	15.4	16.3	17.3	18.3	18.3	19.2
102.5°	20.2	18.3	17.3	18.3	19.2	20.2	19.2	20.2	20.2	21.2	22.1
105°	26.9	25.0	23.1	23.1	23.1	24.0	25.0	25.0	24.0	24.0	25.0
107.5°	35.6	31.7	28.8	28.8	27.9	27.9	28.8	30.8	30.8	29.8	29.8
110°	45.2	40.4	36.5	35.6	34.6	33.7	33.7	34.6	35.6	36.5	37.5



TEST NUMBER: P303063

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	55.8	50.0	45.2	43.3	42.3	39.4	38.5	38.5	39.4	41.3	42.3
115°	67.3	61.5	54.8	52.9	51.0	46.2	45.2	44.2	43.3	44.2	45.2
117.5°	78.8	72.1	65.4	62.5	59.6	54.8	51.9	50.0	49.0	49.0	49.0
120°	90.4	83.7	76.0	73.1	70.2	65.4	60.6	56.7	54.8	53.8	53.8
122.5°	101.9	95.2	88.5	84.6	81.7	75.0	71.2	65.4	62.5	59.6	58.7
125°	113.5	106.7	100.0	96.2	93.3	86.5	80.8	76.0	71.2	67.3	65.4
127.5°	124.0	117.3	111.5	107.7	104.8	97.1	92.3	87.5	81.7	76.9	74.0
130°	135.6	127.9	122.1	119.2	116.3	108.7	102.9	97.1	93.3	88.5	83.7
132.5°	146.2	139.4	132.7	129.8	126.9	120.2	115.4	108.7	103.8	100.0	95.2
135°	155.8	149.0	143.3	140.4	137.5	130.8	126.0	120.2	115.4	110.6	106.7
137.5°	165.4	158.7	152.9	151.0	148.1	141.3	136.5	131.7	126.0	122.1	117.3
140°	174.0	168.3	162.5	160.6	157.7	151.9	147.1	142.3	137.5	132.7	128.8
142.5°	182.7	176.9	171.2	169.2	166.3	161.5	156.7	152.9	148.1	144.2	140.4
145°	190.4	184.6	179.8	177.9	175.0	171.2	165.4	162.5	159.6	154.8	151.0
147.5°	198.1	192.3	187.5	185.6	184.6	179.8	175.0	172.1	169.2	165.4	161.5
150°	204.8	200.0	195.2	194.2	192.3	188.5	183.7	180.8	178.8	175.0	172.1
152.5°	212.5	206.7	202.9	201.9	200.0	196.2	192.3	189.4	187.5	183.7	180.8
155°	218.3	213.5	209.6	208.7	206.7	203.8	200.0	197.1	196.2	192.3	189.4
157.5°	224.0	219.2	216.3	214.4	213.5	211.5	207.7	204.8	203.8	201.0	198.1
160°	228.8	225.0	222.1	221.2	220.2	217.3	214.4	211.5	211.5	209.6	206.7
162.5°	233.7	229.8	227.9	226.9	226.0	224.0	221.2	219.2	219.2	216.3	214.4
165°	238.5	234.6	232.7	231.7	231.7	229.8	227.9	225.0	225.0	224.0	222.1
167.5°	243.3	238.5	237.5	236.5	236.5	235.6	233.7	231.7	230.8	230.8	227.9
170°	247.1	243.3	241.3	240.4	240.4	239.4	237.5	236.5	236.5	236.5	234.6
172.5°	250.0	247.1	246.2	246.2	246.2	245.2	244.2	241.3	241.3	243.3	239.4
175°	251.9	250.0	250.0	250.0	250.0	249.0	248.1	247.1	248.1	249.0	247.1
177.5°	253.8	251.9	251.9	251.9	252.9	252.9	251.9	251.0	251.9	252.9	251.9
180°	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8



TEST NUMBER: P303063

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	807.7	807.7	807.7	807.7	807.7	807.7	807.7	807.7
2.5°	807.7	806.7	805.8	805.8	806.7	802.9	799.0	799.0
5°	802.9	801.9	801.0	801.0	801.9	799.0	796.2	796.2
7.5°	796.2	795.2	794.2	795.2	797.1	794.2	791.3	791.3
10°	787.5	785.6	784.6	784.6	786.5	783.7	781.7	781.7
12.5°	775.0	774.0	772.1	773.1	774.0	772.1	769.2	771.2
15°	761.5	760.6	759.6	760.6	761.5	758.7	755.8	755.8
17.5°	747.1	746.2	744.2	746.2	746.2	742.3	739.4	739.4
20°	728.8	726.9	726.0	726.9	726.9	723.1	721.2	721.2
22.5°	707.7	705.8	704.8	705.8	704.8	701.9	700.0	701.0
25°	685.6	683.7	683.7	683.7	683.7	679.8	677.9	677.9
27.5°	663.5	661.5	660.6	661.5	660.6	656.7	653.8	653.8
30°	640.4	636.5	636.5	637.5	636.5	632.7	629.8	629.8
32.5°	615.4	612.5	613.5	613.5	611.5	607.7	605.8	605.8
35°	589.4	587.5	588.5	587.5	585.6	582.7	580.8	580.8
37.5°	562.5	561.5	561.5	562.5	558.7	555.8	554.8	554.8
40°	535.6	534.6	534.6	535.6	531.7	528.8	528.8	526.9
42.5°	508.7	507.7	508.7	507.7	504.8	501.9	501.0	499.0
45°	481.7	481.7	480.8	480.8	476.9	475.0	475.0	473.1
47.5°	453.8	453.8	452.9	451.0	449.0	448.1	446.2	446.2
50°	426.9	426.0	425.0	425.0	422.1	420.2	420.2	418.3
52.5°	398.1	398.1	398.1	396.2	393.3	391.3	392.3	390.4
55°	370.2	369.2	369.2	368.3	366.3	363.5	364.4	362.5
57.5°	343.3	341.3	339.4	339.4	337.5	334.6	334.6	334.6
60°	312.5	312.5	311.5	310.6	309.6	306.7	307.7	305.8
62.5°	285.6	282.7	282.7	281.7	280.8	277.9	279.8	277.9
65°	255.8	253.8	252.9	251.9	250.0	248.1	249.0	247.1
67.5°	224.0	223.1	223.1	222.1	221.2	219.2	221.2	219.2
70°	196.2	194.2	194.2	193.3	192.3	191.3	192.3	190.4
72.5°	167.3	167.3	166.3	165.4	164.4	164.4	164.4	165.4
75°	139.4	137.5	137.5	137.5	136.5	136.5	136.5	137.5
77.5°	112.5	110.6	109.6	108.7	108.7	108.7	108.7	109.6
80°	82.7	82.7	81.7	80.8	80.8	80.8	80.8	81.7
82.5°	54.8	54.8	53.8	52.9	52.9	52.9	51.9	52.9
85°	29.8	28.8	27.9	27.9	27.9	27.9	27.9	27.9
87.5°	7.7	6.7	6.7	6.7	7.7	7.7	6.7	7.7
90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
92.5°	4.8	4.8	4.8	4.8	4.8	3.8	3.8	3.8
95°	9.6	9.6	9.6	8.7	8.7	8.7	8.7	8.7
97.5°	14.4	14.4	14.4	14.4	14.4	13.5	13.5	13.5
100°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
102.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
105°	25.0	26.0	26.0	26.0	26.9	26.9	26.9	26.9
107.5°	29.8	29.8	29.8	29.8	29.8	29.8	30.8	29.8
110°	36.5	35.6	35.6	34.6	34.6	34.6	34.6	34.6



TEST NUMBER: P303063

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	42.3	43.3	43.3	43.3	43.3	42.3	41.3	41.3
115°	47.1	48.1	48.1	48.1	48.1	49.0	49.0	49.0
117.5°	50.0	51.0	51.9	51.9	52.9	52.9	52.9	52.9
120°	53.8	54.8	54.8	54.8	55.8	55.8	55.8	55.8
122.5°	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
125°	64.4	63.5	63.5	62.5	62.5	62.5	61.5	61.5
127.5°	71.2	70.2	69.2	68.3	67.3	67.3	66.3	66.3
130°	80.8	78.8	76.9	76.9	75.0	73.1	73.1	72.1
132.5°	91.3	88.5	87.5	86.5	83.7	81.7	81.7	80.8
135°	102.9	100.0	99.0	98.1	94.2	92.3	92.3	91.3
137.5°	114.4	111.5	110.6	109.6	106.7	104.8	103.8	102.9
140°	125.0	122.1	121.2	120.2	118.3	116.3	115.4	114.4
142.5°	135.6	133.7	132.7	131.7	128.8	126.9	126.0	126.0
145°	147.1	144.2	144.2	142.3	140.4	138.5	137.5	136.5
147.5°	158.7	155.8	154.8	153.8	151.9	149.0	148.1	148.1
150°	168.3	166.3	165.4	164.4	162.5	160.6	159.6	158.7
152.5°	177.9	176.0	176.0	175.0	173.1	171.2	170.2	170.2
155°	187.5	184.6	184.6	184.6	182.7	181.7	180.8	180.8
157.5°	196.2	194.2	193.3	193.3	192.3	191.3	189.4	190.4
160°	204.8	203.8	201.9	201.9	201.9	200.0	199.0	200.0
162.5°	213.5	212.5	211.5	211.5	210.6	209.6	208.7	208.7
165°	220.2	219.2	218.3	218.3	219.2	218.3	217.3	216.3
167.5°	226.9	226.0	225.0	225.0	226.0	225.0	224.0	224.0
170°	233.7	232.7	231.7	231.7	231.7	231.7	230.8	230.8
172.5°	239.4	238.5	238.5	237.5	238.5	237.5	236.5	236.5
175°	247.1	246.2	246.2	245.2	246.2	243.3	240.4	241.3
177.5°	251.9	251.9	251.0	251.0	251.0	249.0	247.1	247.1
180°	255.8	255.8	255.8	255.8	255.8	255.8	255.8	255.8

(END OF REPORT)